



PEAK LOAD REDUCTION STRATEGIES FOR NONRESIDENTIAL FACILITIES

Identifying Potential Demand Response Strategies

The California Energy Commission, in cooperation with Pacific Gas and Electric, Southern California Edison, and San Diego Gas and Electric Companies, is offering free preliminary assessments of load reduction opportunities for customers who are considering participation in a demand response program such as critical peak pricing, hourly pricing, or demand bidding.

Three levels of service are available:

I. Phone consultation service

II. On-site consultation service

III. On-site assessment and report

The level of service provided will depend on the information needs of the customer and the complexity of energy systems at the facility. Service level will be determined after an initial interview with the customer and/or utility account representative.

This service is limited to the identification of temporary load reduction strategies and assessment of their technical feasibility. It will not provide a detailed economic analysis of each strategy. This service is also not designed to assess all possible energy-saving options or provide recommendations on whether the customer should participate in a demand response program or tariff.

Qualification Criteria

1. Must be a current PG&E, SCE, or SDG&E nonresidential customer
2. Must have at least one electricity account with maximum demand of 200 kW or greater
3. Must be considering participation in a qualifying demand response program
4. Customers cannot have already signed up for a qualifying demand response program (however they may be eligible for other technical assistance incentives)

THE ENHANCED AUTOMATION ASSESSMENT SERVICES

This Enhanced Automation service provides facility-specific information on potential strategies to temporarily reduce load. The decision on whether to participate in a demand response program is largely dependent on the ability to reduce load during specified time periods with some level of advance notice. Our engineers will attempt to answer your questions on the feasibility of load reduction measures that you are considering or can help you to identify new potential strategies for your facility.

Telephone Consultation Service

This service will consist of up to a 1-hour phone conversation with a follow-up e-mail. It is designed for two situations:

- For customers who have already identified potential load reduction strategies and want assistance in assessing their applicability or feasibility.
- For facilities that have fairly simple energy systems that can be described over the phone and are likely to have only a small number of load reduction options.

On-Site Consultation Service

This service is very similar to the phone consultation, except that it is conducted at the facility. On-site consultations can last up to 4 hours. It is designed for facilities that have moderately complex energy and control systems. It will also allow for a more interactive discussion of options with facility personnel and our engineer. A follow-up e-mail will be sent to document the conclusions reached during the visit.

On-Site Facility Assessment and Report

The service is designed for facilities with complex energy systems or industrial processes. It involves a one-day site visit followed by one additional day of assessment and report development. The report will summarize the existing energy systems and technical feasibility of load reduction options and will provide a preliminary discussion of the strategies recommended for further consideration.

To Request this Service

Work with your utility customer account representative to fill out the service request form

or

Contact the EA team to obtain the request form:

EA Telephone Hotline: 1-866-732-5591

E-mail: enhancedautomation@xenergy.com

Website: www.ConsumerEnergyCenter.org/enhancedautomation

The Enhanced Automation Project is being offered by the California Energy Commission. Services are provided by KEMA-XENERGY, and Nexant, Inc., two experienced energy-management companies with offices throughout California.